Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

1st & Final bill

Date.....20.....

Division: Yelahanka Project Division,
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No.....

Name of Work:. Improvements to Roads and Drains at Dwarakanagara Surrounding area in Ward No: 05 (Jakkur) Byatarayanapura Sub-Division.

Job Code No: 005-21-000016

Name of Contractor and Full Address : Santhos Kumar K R

Work Order No: EE (Project)/Ynk Zone/WO/161/2020-21, Dated : 17/12/2020

Certified that the measurements were taken by me on 16/9/21 and recorded in pages 583416-583427 of measurement Book No 10/20-21(5835) and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on 16/9/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme
   materials supplied

	14778208/-
Deduction	14782/-
CESS	14782/-
CBF	14782/-
Royalty	306347/-
CAST	131948/-
SAST	131948/-
Total deduction	880586/-
Net payable	13897622/-

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

(For use in the Office)

Witnesses :
1.
2.

Audited & Admitted for Rs. Rs. 1,47,78,208/-

Dated.....Signature of Contractor

Rs. 1,38,97,622/- by Cheque

Paid by me by cheque No.....Dated.....

and Rs. 8,80,586/- by Adjustment

Cash Rs.....Dated.....

20/9/2021

Accts. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
Executive Engineer
B.B.M.P

Initials of Officer Making Payment

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Initials of Officer Making Payment

B.B.M.P.

POWER, Bangalore - 76

Engineer

Name of Work: Improvements to Roads and Drains at Dwarakanagara Surrounding area in Ward No: 05 (Jakkur) Byatarayanapura Sub-Division

ABSTRACT

Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications including all lead and lifts and as per the direction of engineer in charge	Cum	1543.11	226.04	348805.26	–	–	1542.96	226.04	348771.36	1542.96	348771.36
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering	Cum	211.41	5693.00	1203582.75	–	–	211.39	5693.00	1203454.66	211.39	1203454.66
3	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications including all lead and lifts and as per the direction of engineer in charge	tn	24.81	75943.33	1883984.04	–	–	24.81	75943.33	1883826.74	24.81	1883826.74
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification including all lead and lifts and as per the direction of engineer in charge	Cum	397.25	7423.71	2949099.23	–	–	397.24	7423.71	2949014.60	397.24	2949014.60
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing including all lead and lifts and as per the direction of engineer in charge	Sqm	923.94	2453.85	2267210.17	–	–	923.94	2453.85	2267210.17	923.94	2267210.17

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Sl No	Description of Work	Unit	As per Modified Shedule -B			Previous measurement		Present Measurement			Up to date	
6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing a including all lead and lifts and as per the direction of engineer in charge	Sqm	47.70	5688.90	271360.53	-	-	47.70	5688.90	271360.53	47.70	271360.53
	Above 125%	Sqm	10.38	5688.90	59050.78			10.26	5688.90	58368.11		58368.11
7	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 8km lead	Cum	873.10	67.14	58620.07			872.12	67.14	58553.80	872.12	58553.80
8	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications	Sqm	2907.32	6.68	19420.90			2907.05	6.68	19419.09	2907.05	19419.08
9	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	436.22	2094.64	913724.91			436.06	2094.64	913383.48	436.06	913383.48
10	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	Cum	654.25	2101.34	1374792.76			654.09	2101.34	1374457.60	654.09	1374457.60
11	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including	Cum	2907.32	31.16	90592.09			2907.05	31.16	90583.68	2907.05	90583.68
12	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications	Sqm	2907.32	13.36	38841.80			2907.05	13.36	38838.19	2907.05	38838.19

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Sl No	Description of Work	Unit	As per Modified Shedule -8			Previous measurement		Present Measurement			Up to date	
13	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	145.41	6728.09	978355.12			145.35	6728.09	977944.70	145.35	977944.70
14	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	87.23	7914.54	690417.77			87.21	7914.54	690238.91	87.21	690238.91
15	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	102.88	477.48	49123.14			102.88	477.48	49123.14	102.88	49123.14
	Total				13196981.32					13194548.76		13194548.76
	GST 12%				1583637.76					1583345.85		1583345.85
	Grand Total				14780619.08					14777894.61		14777894.61

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

NEWZEN CONSULTANT Consultants Bangalore

16/9/17
Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalo

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